

EH-11046

10/775,905

IN THE CLAIMS:

Please cancel claim 2 without prejudice or disclaimer to further prosecution of this application on the merits.

Please amend claim 1 as follows:

1. (Currently Amended) A method for repairing a structurally supportive foot of a cast stator vane segment, the method comprising the steps of:

removing a portion of a structurally supportive foot from an inner platform of a cast stator vane segment;

securing a replacement structurally supportive foot section onto the cast stator vane segment by tack welding;

securing ~~a~~ the replacement structurally supportive foot section onto the cast stator vane segment using ~~a Leybold Heraeus W-3~~ an electron beam welder;

heat treating the replacement structurally supportive foot section and cast stator vane segment; and

machining the replacement structurally supportive foot section to a suitable shape.

2. (Cancelled) ~~The method of claim 1, including the additional step of securing the replacement foot section onto the cast stator vane segment by tack welding prior to securing the replacement foot using electron beam welding.~~

3-4. (Cancelled)

5. (Original) The method of claim 1, wherein the cast stator vane segment is located in a compressor section of an engine.

6. (Original) The method of claim 1, wherein the cast stator vane segment is located in a high pressure compressor section of an engine.

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7. (Original) The method of claim 6, wherein the cast stator vane segment is a later stage cast stator vane segment.

8-16. (Cancelled)